

Amendments to the Claims

and

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1, 2, and 4-6 are amended.

Claims 3 and 7-9 are canceled.

1. (currently amended) ~~An A pressure welding type anisotropic conductive elastic connector, comprising plural linear conductors beryllium copper wires arranged linearly and regularly in the thickness direction of a silicone rubber an insulation elastic resin material; , the pressure welding type anisotropic conductive elastic connector being produced by the process comprising the steps of:~~

arranging the beryllium copper wires on a thin unvulcanized silicone rubber sheet in parallel to and close contact with each other, the beryllium copper wires being insulation-coated;
curing the thin unvulcanized silicone rubber sheet in this state so as to form a cured rubber sheet;

further adhering a thin unvulcanized silicone rubber sheet on the beryllium copper wires arranged on the cured rubber sheet to provide an adhered sheet;

laminating a plurality of the adhered sheets so as to form a block form;
heating and vulcanizing the block-formed laminate in this state so as to form a cured sheet; and

slicing the sheet,

wherein an electric insulation coating having a withstand voltage of 1 V/ μ m or more is formed to a thickness of 1 μ m or more on a side faces face of the ~~linear conductor~~ beryllium copper wires; and

the ~~linear conductors~~ beryllium copper wires are arranged with a pitch interval of 0.01 mm or less or are adjacent to each other in close contact with each other in the direction of the arrangement; and

corrosion inhibiting plating is provided on end faces of the beryllium copper wires.

2. (currently amended) The anisotropic conductive elastic connector according to claim 1, wherein the ~~end ends~~ of the beryllium copper wires ~~linear conductor~~ is exposed from the ~~silicone rubber insulation elastic resin material~~ and has have a length that is substantially the same as the thickness of the insulation elastic resin material.
 3. (canceled)
 4. (currently amended) The anisotropic conductive elastic connector according to claim 1 3, wherein the corrosion inhibiting plating is electroless plating.
 5. (currently amended) The anisotropic conductive elastic connector according to claim 1 4, wherein the corrosion inhibiting plating electroless plating is provided by providing gold plating on electroless nickel plating.
 6. (currently amended) The anisotropic conductive elastic connector according to claim 1, wherein the arrangement density of the beryllium copper wires ~~linear conductors~~ is different depending on a predetermined conducting current capacity.
- 7-9. (canceled)